

30 January 1962

STATINTL MEMORANDUM FOR: [REDACTED] Declass Review by NIMA/DOD  
Hq SAC, DIMG, Offutt AFB, Nebraska

STATINTL FROM: [REDACTED]

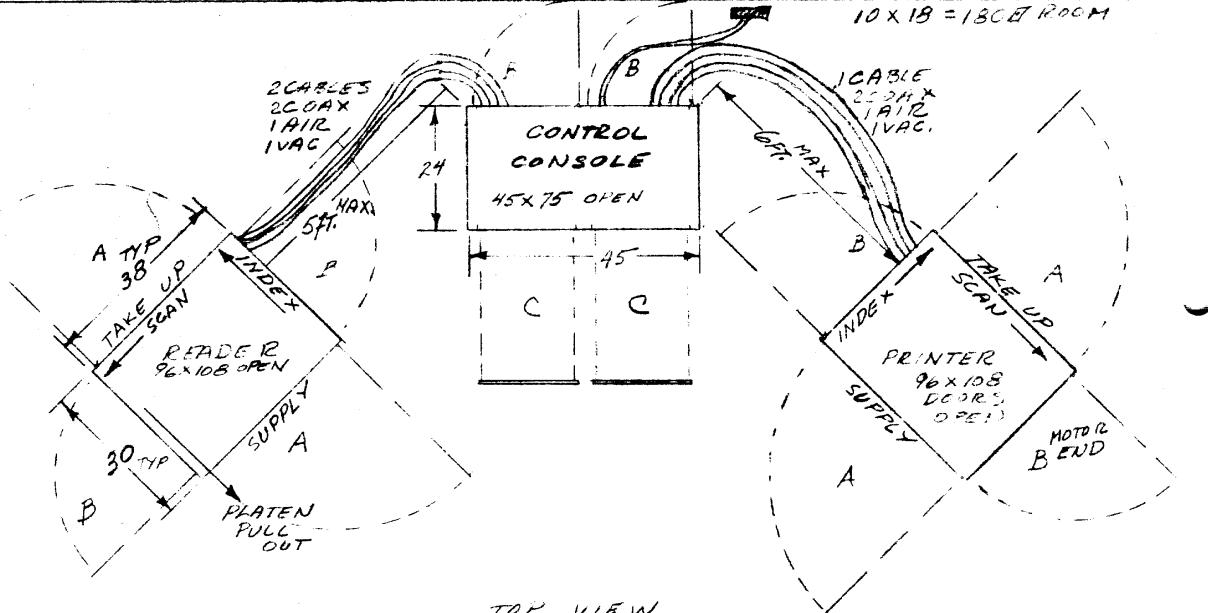
SUBJECT: Floor Plans

1. Enclosed are the plans you requested from [REDACTED] STATINTL
2. The plans are lettered in the order of preference, i.e., "A",  
the size and shape we have, is the best; "B" is second best; and "C" is  
the bare minimum and will present many problems in terms of space.
3. Our experience has shown that:
- a. The 80 psi air supply in the printer (small gas bottle)  
is not adequate. If a 80 psi compressor is not available, plan to have  
two large gas bottles (one in use, one as a spare) mounted outside the  
enclosure with adequate piping into the enclosure.
- b. It is well to plan for an input supply of fifty amperes  
at 220 V AC. This will take care of the equipment, fan, lamps, oscilloscopes,  
etc.
- c. The ventilation system in your building should be able to  
handle the heat developed by the fifty ampere, 220 volt, power input. This  
heat load would amount to about 35,000 to 40,000 BTU per hour. If the  
ambient air temperature in the enclosure gets much above 80° F. the tran-  
sistor in the rectifier will go into a thermal runaway and develop a short.  
I believe that [REDACTED] recommended an air conditioner as a part of the  
enclosure. This will remedy the heat problem.
4. In addition to the space data, please provide for the enclosure  
designer:
- a. Maximum and minimum incoming air temperature.
- b. Approximate flow, in cubic feet per minute, of incoming air.
- c. Approximate flow, in CFM, of exhaust duct facilities.
- d. Location of exhaust duct in relation to floor plan.

2 Enclosures (Floor plan of [REDACTED])

220V

10 X 18 = 180 SQ. FEET



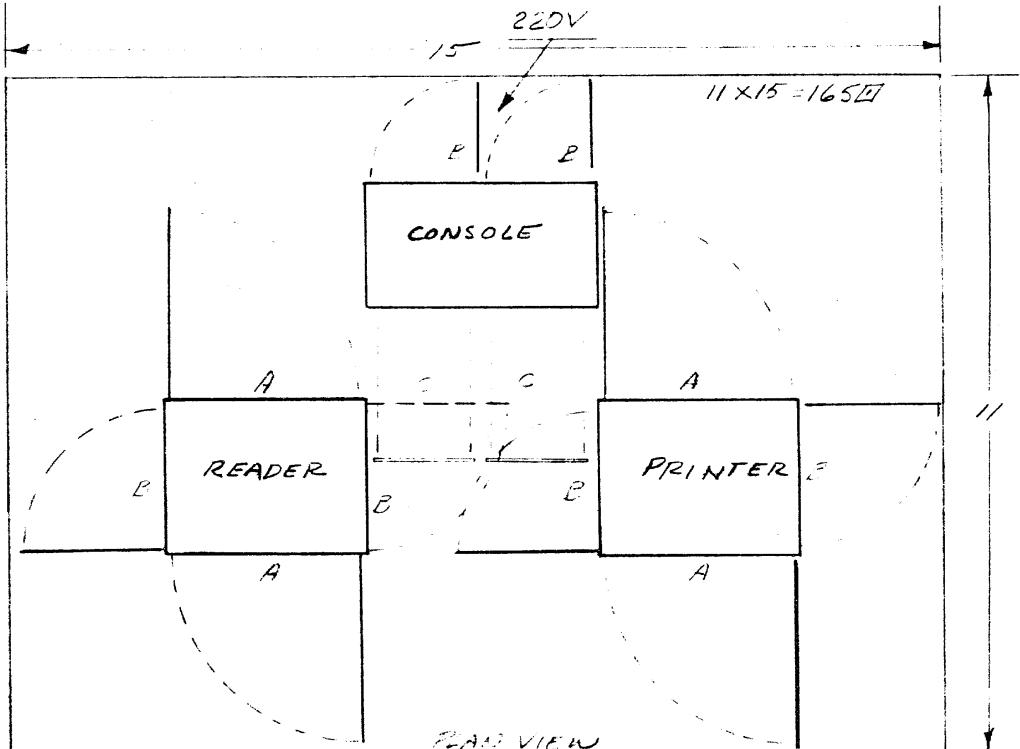
TOP VIEW

18

'A' DOORS FOR NORMAL OPERATION

'E' DOORS FOR OCCASIONAL MAINTENANCE

'C' DRAWERS PULL OUT &amp; TILT FOR MAINT.



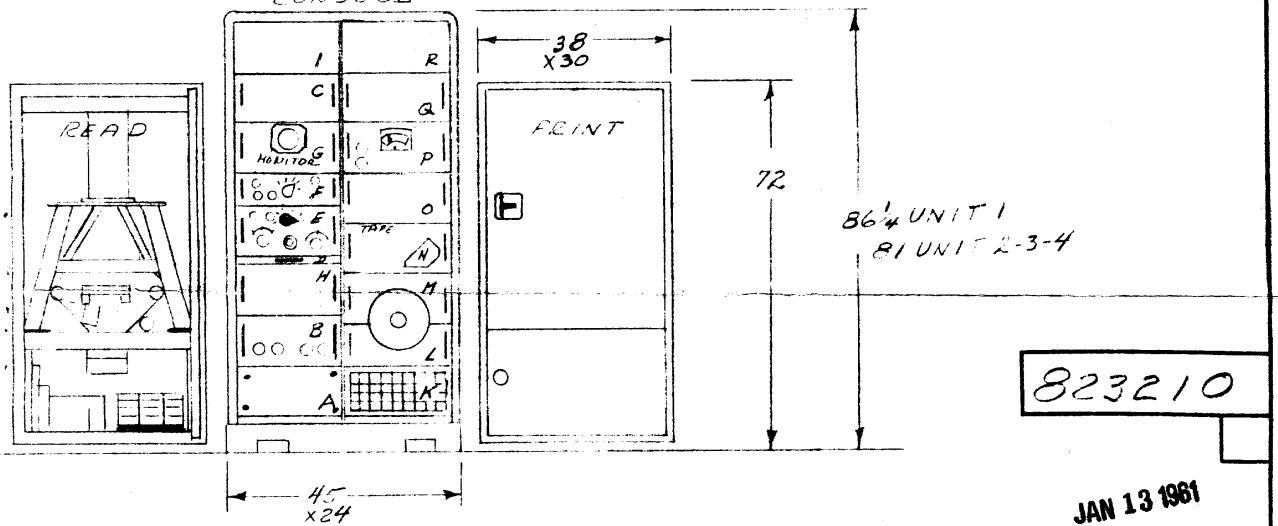
FRONT VIEW

ALTERNATIVE

CHG.	DATE	REVISION	APPR.

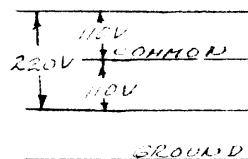
## CONSOLE

- A BLANK - SOLA-TRANS.
  - B  $\pm 300$  V
  - C INDEX SERVO
  - D WRITING SURFACE
  - E SWEEP GENERATOR
  - F VIDEO CONTROL
  - G SCOPE MONITOR
  - H 125 V  $\pm 6.3$  V
  - J OPEN
  - K BLOWER
  - L 26V - 12V  $\pm 6.3$  V
  - M TRANSPORT TAPE  $\pm 300$  VPS
  - N TAPE READER
  - O SCAN COMPUTER
  - P SCAN COMPARATOR
  - Q SERVO AMP
  - R OPEN
- CONSOLE



## INSTALLATION

- A. POWER- 220VAC 60N 20AMPETRES-BALANCED LOAD
- B. AIR PRESSURE 80PSI
- C. PHOTOGRAPHIC DARK ROOM
- D. AMB. TEMP. 70°F ROOM  $\pm 5^\circ$



NEXT ASSEM. INSTALL		INSTALLATION		
SCALE 1/2 = 1/2		NAME _____		
REQ. ONE		MATERIAL _____		
DEC. C FRACT.	ANG. TOL. UNLESS SPECIFIED	DATE 4-1-60	DRAWN 4-1-21	CHECKED 4-1-21 APPROVED
823210				
DRAWING NO. 823210				